

Please type a plus sign (+) in this box

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under

Attorney Docket No. 41482/27122

First Inventor Vandersall, et al.

Title Ammonium Polyphosphate Solutions Containing Multi-Functional  
Phosphonate Corrosion Inhibitors

Express Mail No. EL474163996US

10/03/2001  
12/26/01

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Applicant claims small entity status.  
See 37 CFR 1.27.
2.  Specification [Total Pages 53] (preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed Sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
4. Oath or Declaration [Total Pages 2]
  - a.  Newly executed (original or copy)
  - b.  Unexecuted
  - c.  Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

**ADDRESS TO:**  
BOX PATENT APPLICATION  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

5.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & document(s))
8.  37 CFR 3.73(b) Statement (when there is an assignee)  Power of Attorney
9.  English Translation Document (if applicable)
10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
11.  Preliminary Amendment
12.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
14.  Nonpublication Request under 35 U.S.C. 122, (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent  Certificate of Express Mail
15.  Other

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. 09/723,567

Group Art Unit 1734

Prior application information

Examiner to be assigned

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	021888 (Insert Customer No. or Attach bar code label here)	or <input checked="" type="checkbox"/> Correspondence address below		
		Registration No. (Attorney/Agent) # 46,831		
Name	Grant D. Kang, c/o Ahaji K. Amos			
Address	Thompson Coburn LLP			
City	One Firstar Plaza, Suite 3500	State	MO	Zip Code
Country	U.S.A.	Telephone	314-552-6123	Fax

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO ASSISTANT COMMISSIONER FOR PATENTS, Box Patent Application, Washington, D.C. 20231

## PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number  
41482/27122

FOR	CLAIMS AS FILED - PART I		SMALL ENTITY		OTHER THAN SMALL ENTITY	
	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE	FEES	RATE	FEES
BASIC FEE (37 CFR 1.16(a))					OR	740.00
TOTAL CLAIMS (37 CFR 1.16(e))	78	minus 20 =	58	x _____ =	OR x 18.00 =	1,044.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	5	minus 3 =	2	x _____ =	OR x 84.00 =	168.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ _____ =	OR + _____ =	
				TOTAL	OR	TOTAL
						1,952.00

\* If the difference in column 1 is less than zero, enter "0" in column 2

A check in the amount of \_\_\_\_\_ is attached.

The Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of \$1,952.00

Credit any overpayment.

Charge any additional fee required.



Signature

Dated: December 26, 2001

Ahaji K. Amos, Reg. No. 46,831  
 Thompson Coburn LLP  
 One Firststar Plaza, Suite 3500  
 St. Louis, Missouri 63101  
 314-552-6123  
 314-552-7123 FAX

Customer No. 021888

I certify that the document and fee is being deposited on 12/26/01 with the U.S. Postal Service as Express Mail under 37 C.F.R. 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 22031.

Express Mail No. EL474163996US


 Signature of Person Mailing Correspondence

 Ahaji K. Amos  
 Typed or Printed Name of Person Mailing Correspondence

P16B/REV01

EXPRESS MAIL CERTIFICATE OF MAILING (37 CFR 1.10)  
Express Mail® No. EL474163996US

Docket No.  
41482/27122

In Re Application Of:  
Vanderall, et al.

Serial No. to be assigned	Filing Date herewith	Examiner to be assigned	Group Art Unit to be assigned
Title: AMMONIUM POLYPHOSPHATE SOLUTIONS CONTAINING MULTI-FUNCTIONAL PHOSPHONATE CORROSION INHIBITORS			

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Transmitted herewith is:

Utility Patent Application Transmittal

Patent Application  
 Drawings. \_\_\_ Sheets  Formal  Informal  
 Power of Attorney:  Executed  Not executed  
 Declaration:  Executed  Not executed  
 Assignment with Recordation Form  
 37 CFR 3.73(b) Statement  
 Information Disclosure Statement with References ( 8 )  
 NonPublication Request under 35 U.S.C. 122(b)(2)(B)(i)  
 Postcard  
 A check in the amount of \_\_\_\_\_ is attached.

Ahaji K. Amos  
Signature

Dated: December 26, 2001

Ahaji K. Amos, Reg. No. 46,831  
Thompson Coburn LLP  
One Firststar Plaza, Suite 3500  
St. Louis, Missouri 63101  
314-552-6123  
314-552-7123 FAX

Customer No. 021888

I certify that the document and fee is being deposited on 12/26/01 with the U.S. Postal Service as Express Mail under 37 C.F.R. 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 22031

Express Mail No. EL474163996US

Ahaji K. Amos

Signature of Person Mailing Correspondence

Ahaji K. Amos

Typed or Printed Name of Person Mailing Correspondence